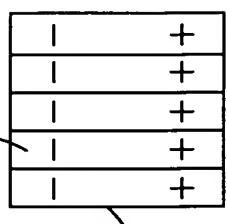




Fig. 4b

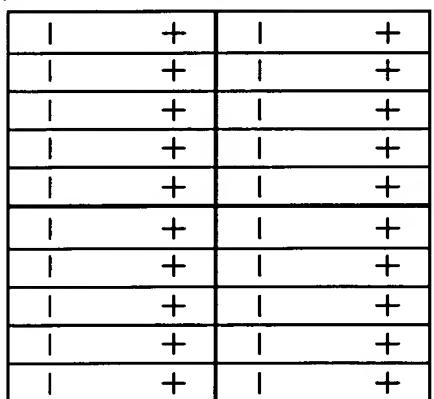
4006



4007

Fig. 4c

4008



4010

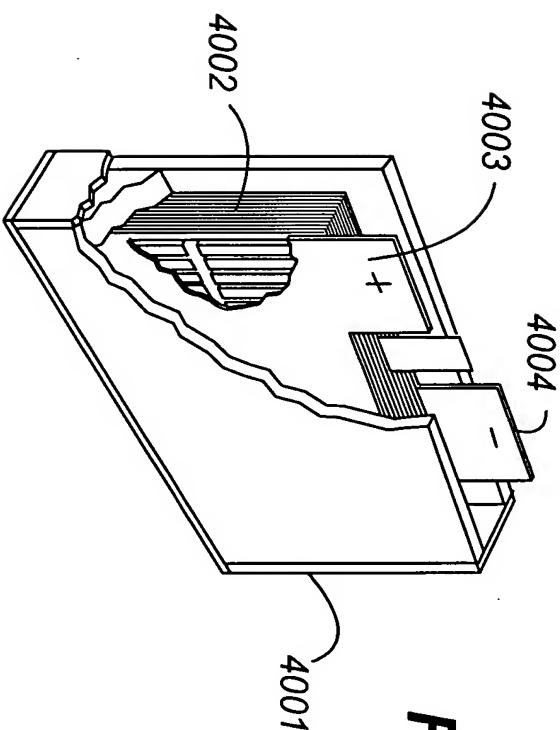
Fig. 4a

4002

4003

4004

4001



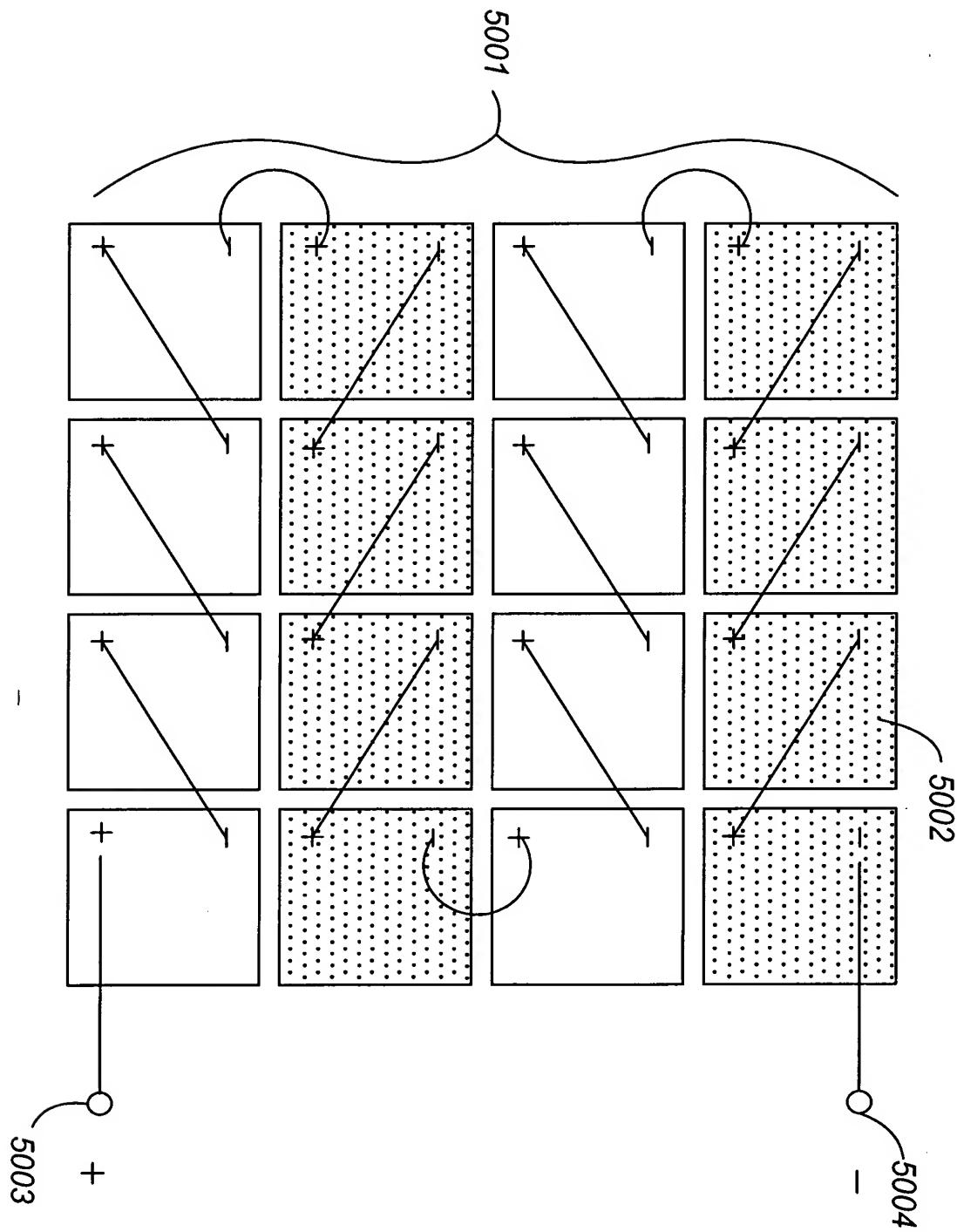
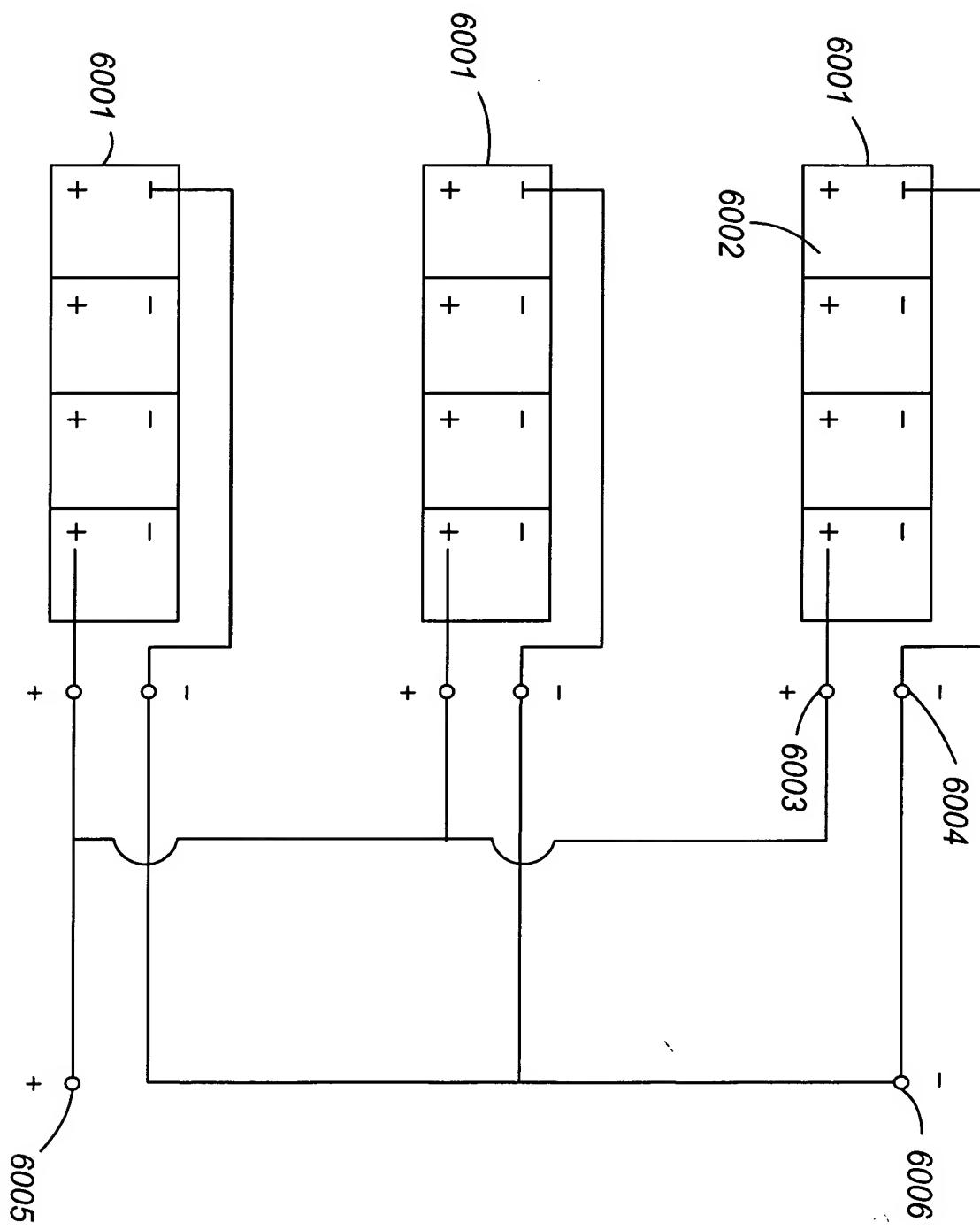
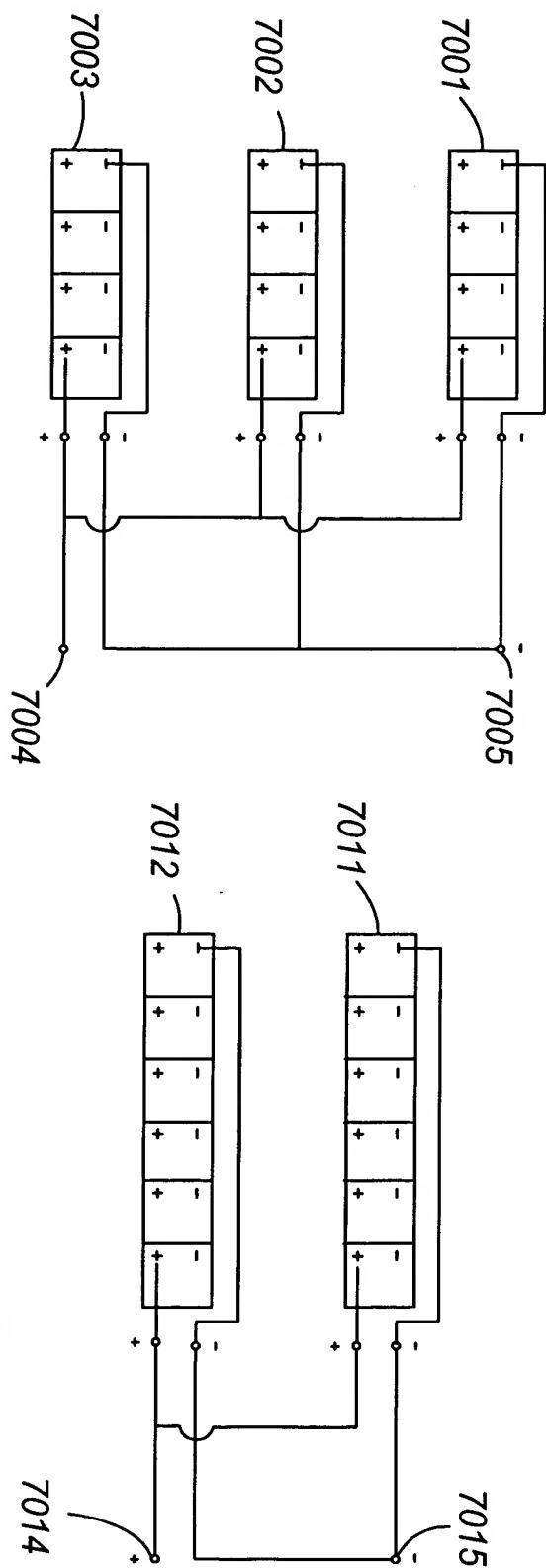
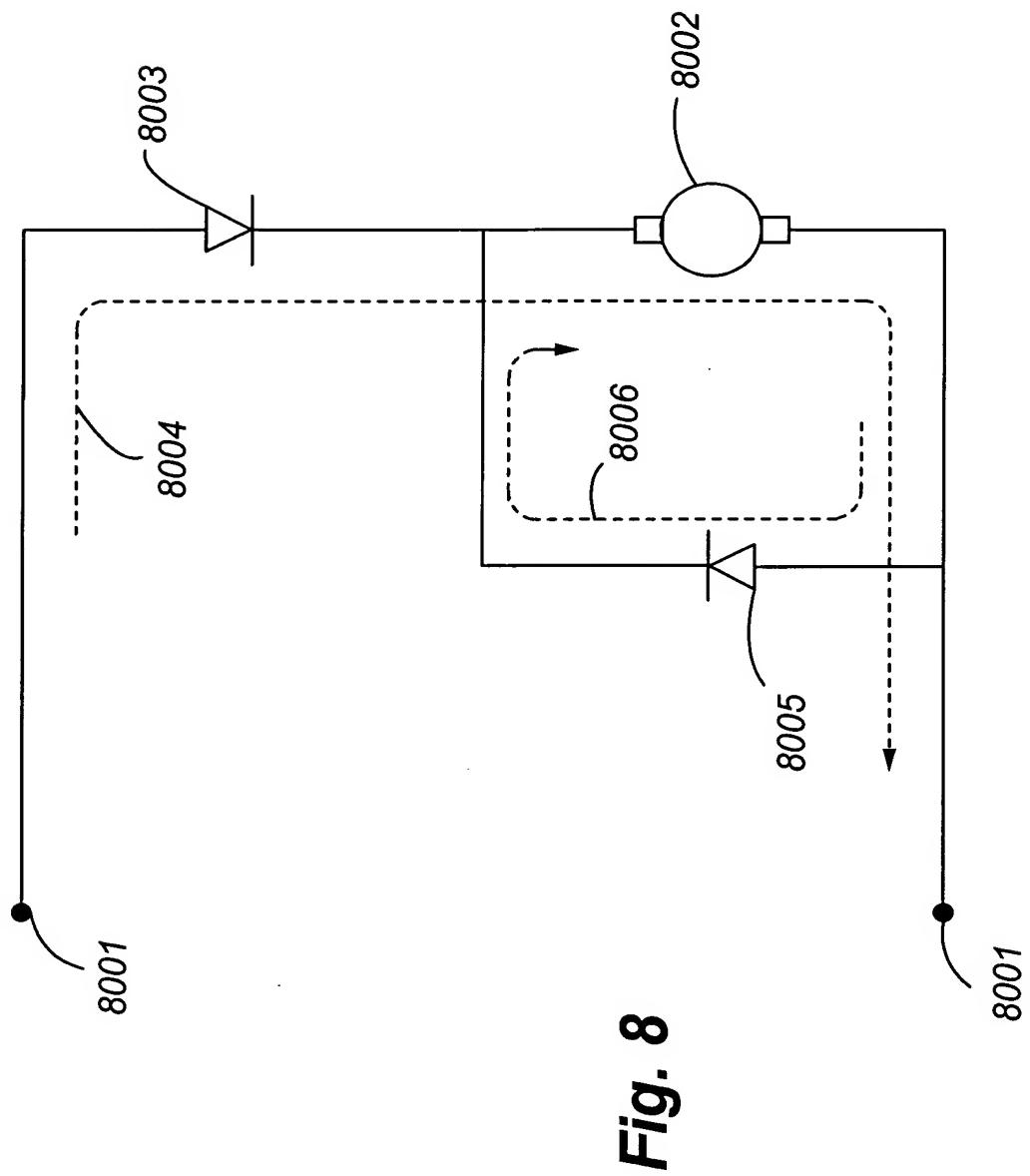


Fig. 5

Fig. 6







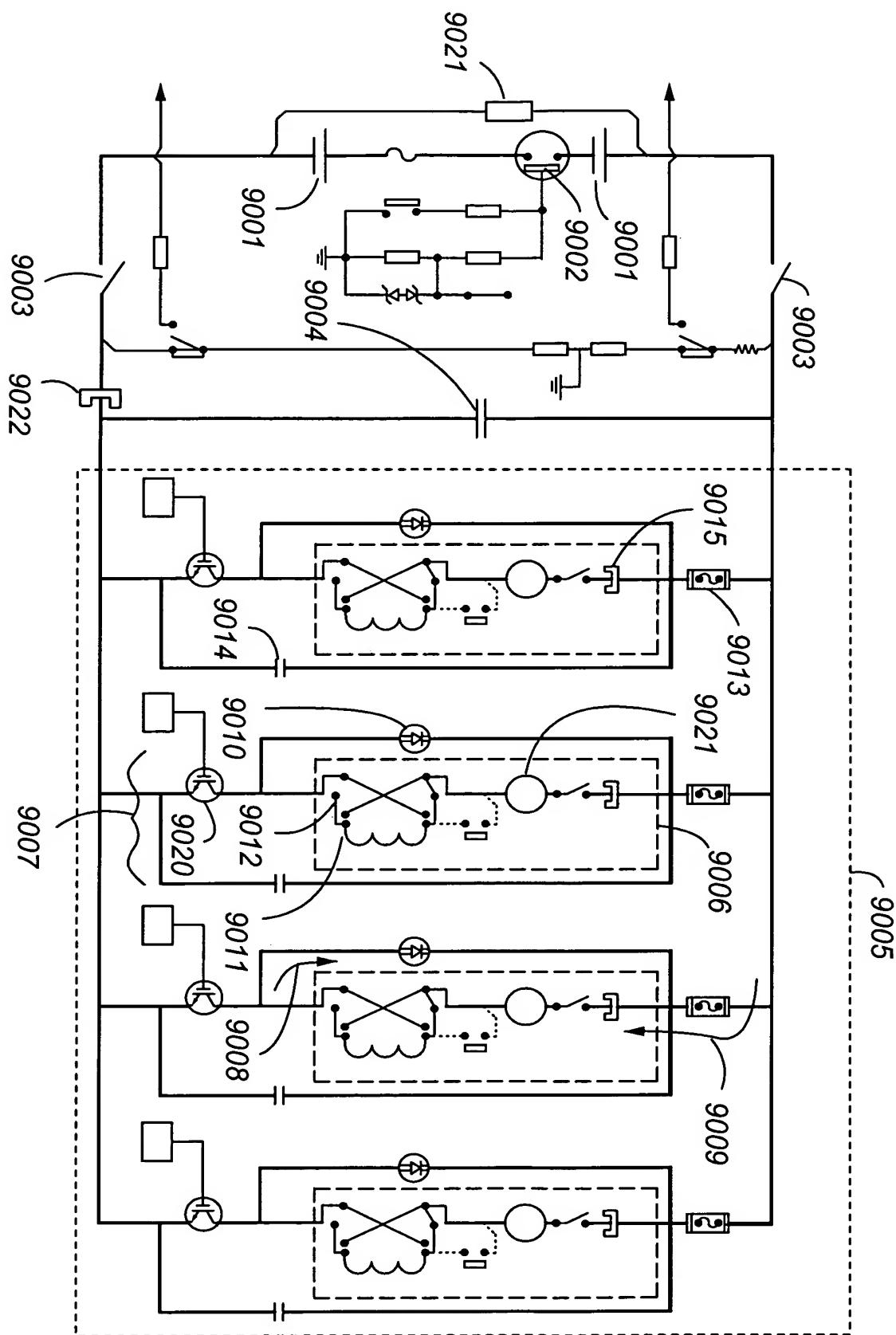
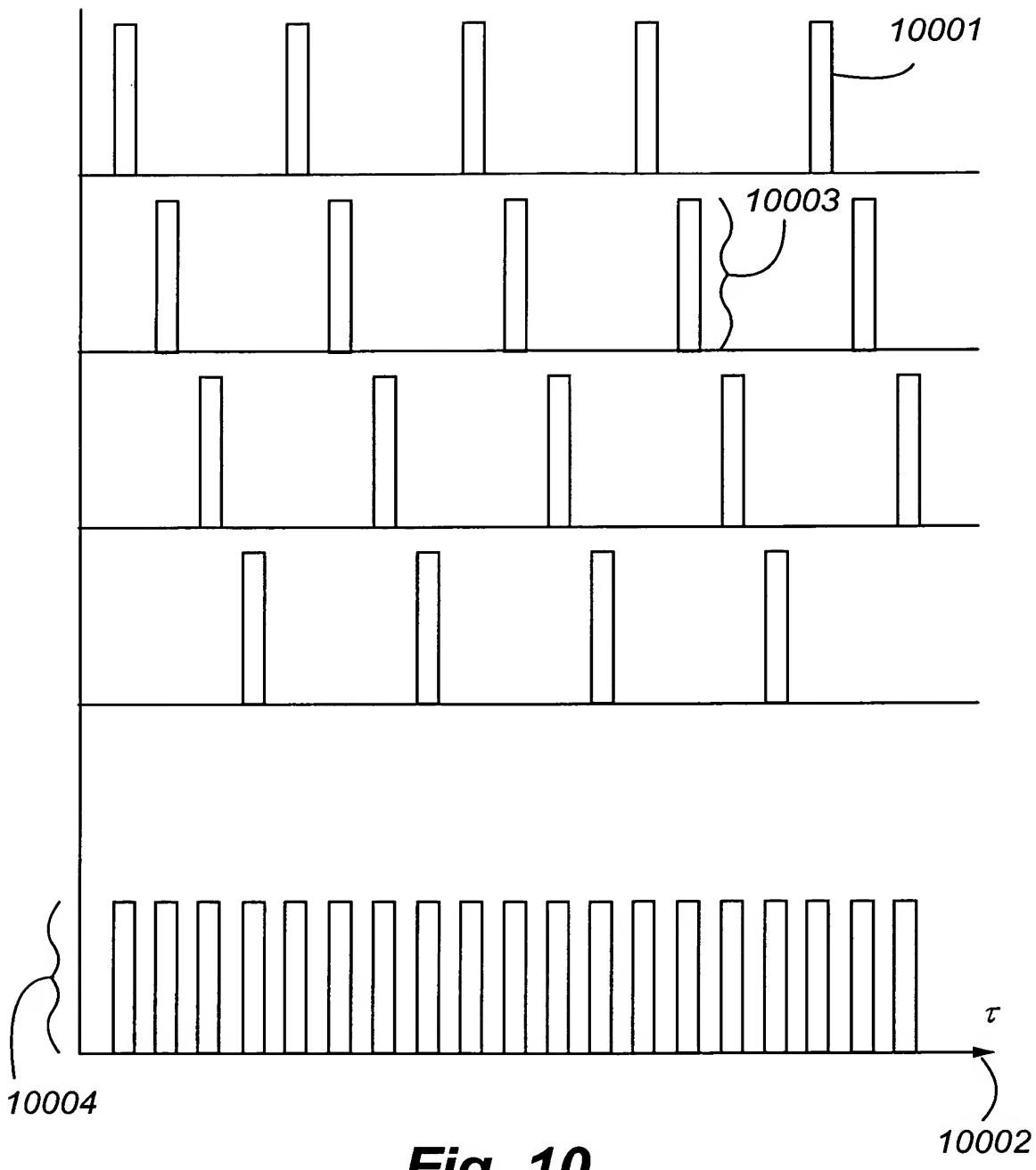


Fig. 9



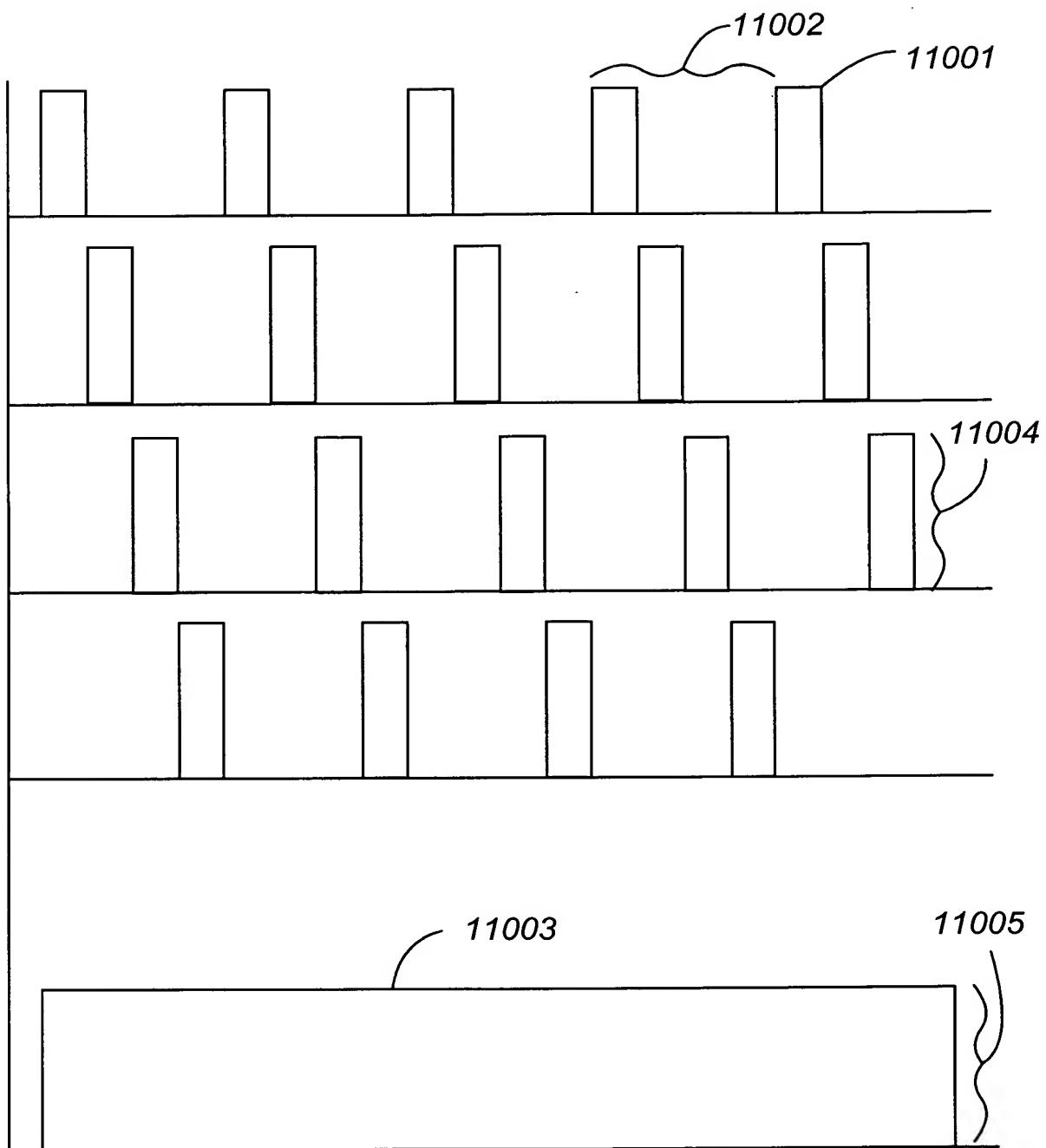


Fig. 11

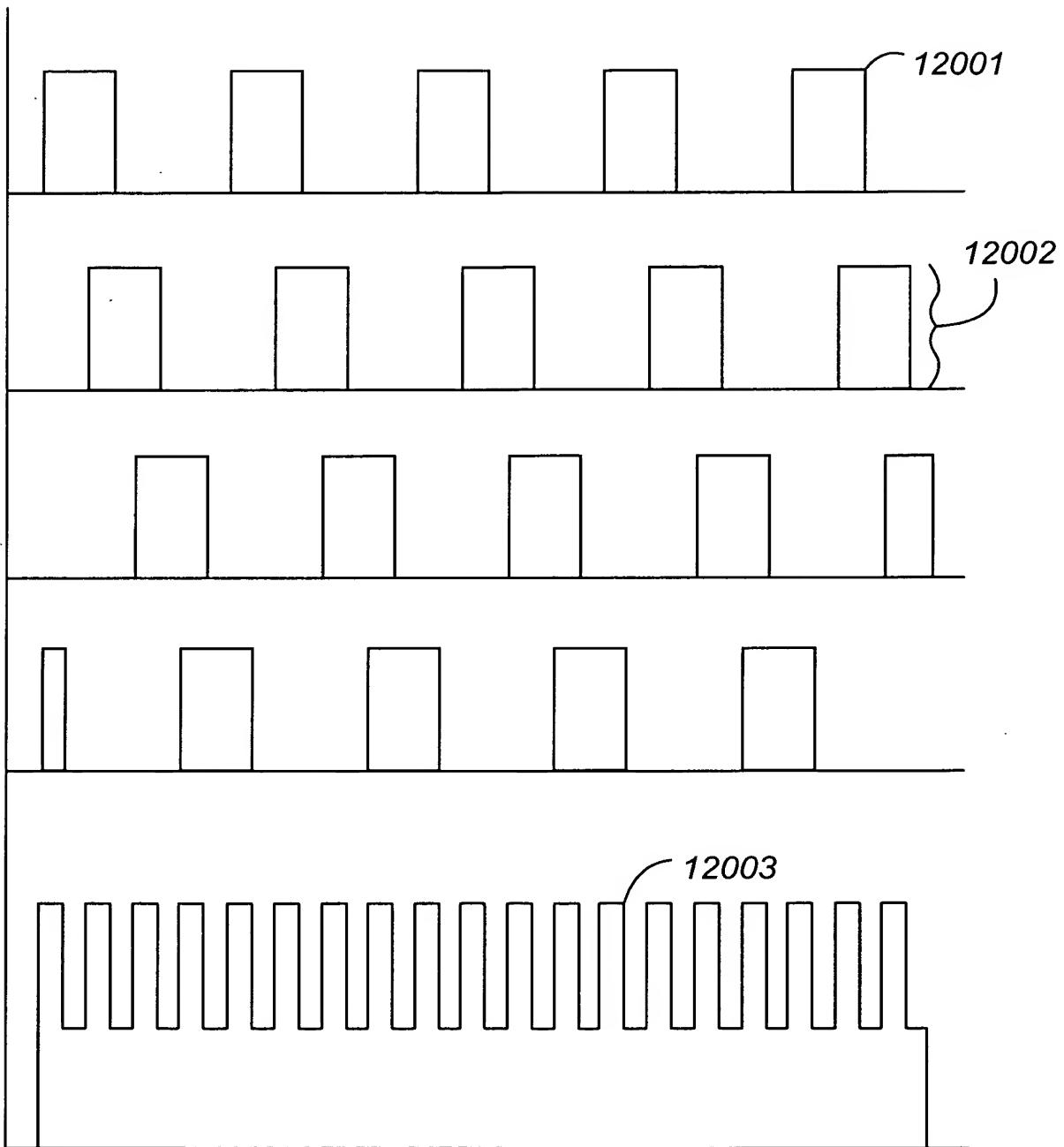


Fig. 12

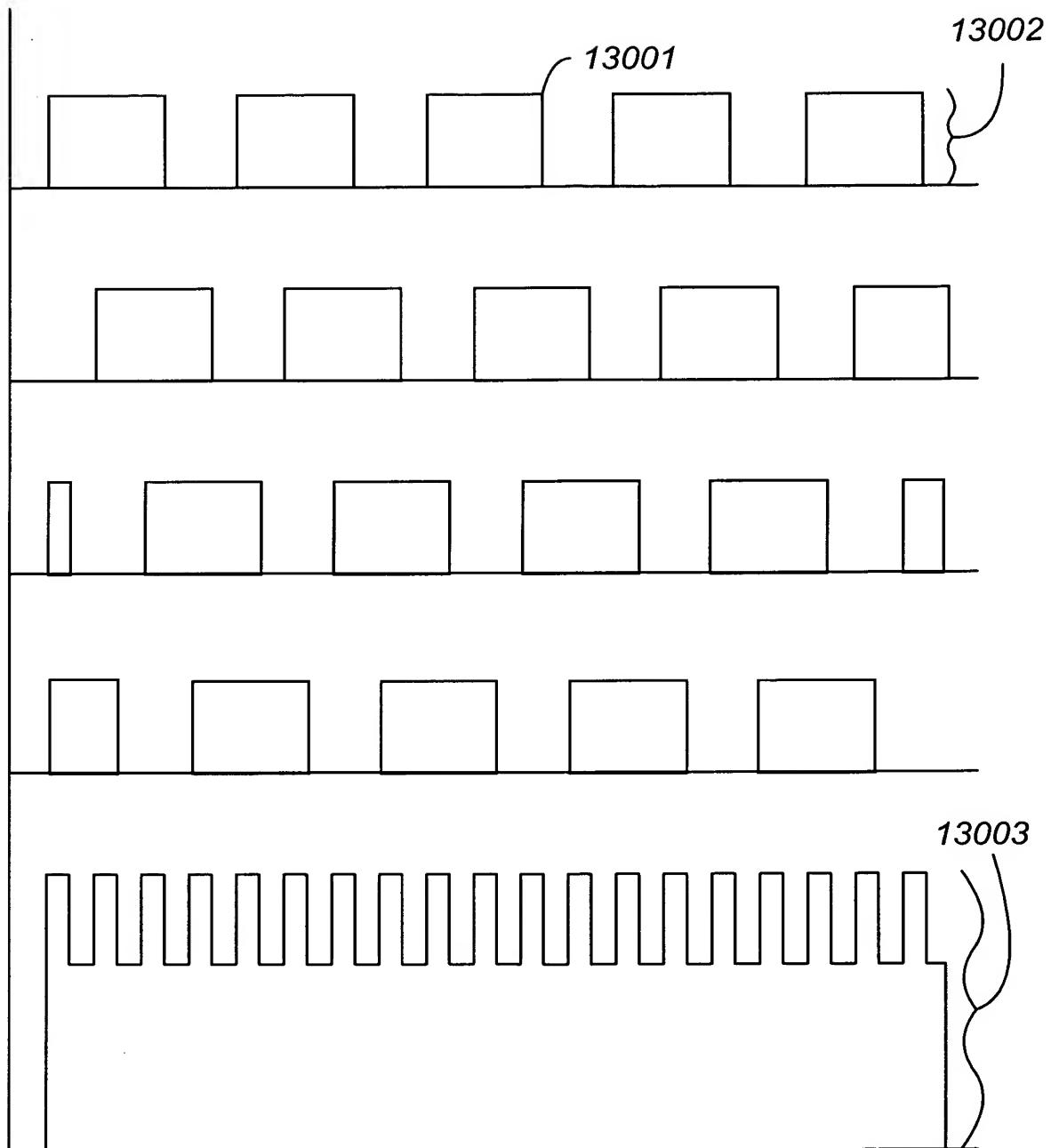


Fig. 13

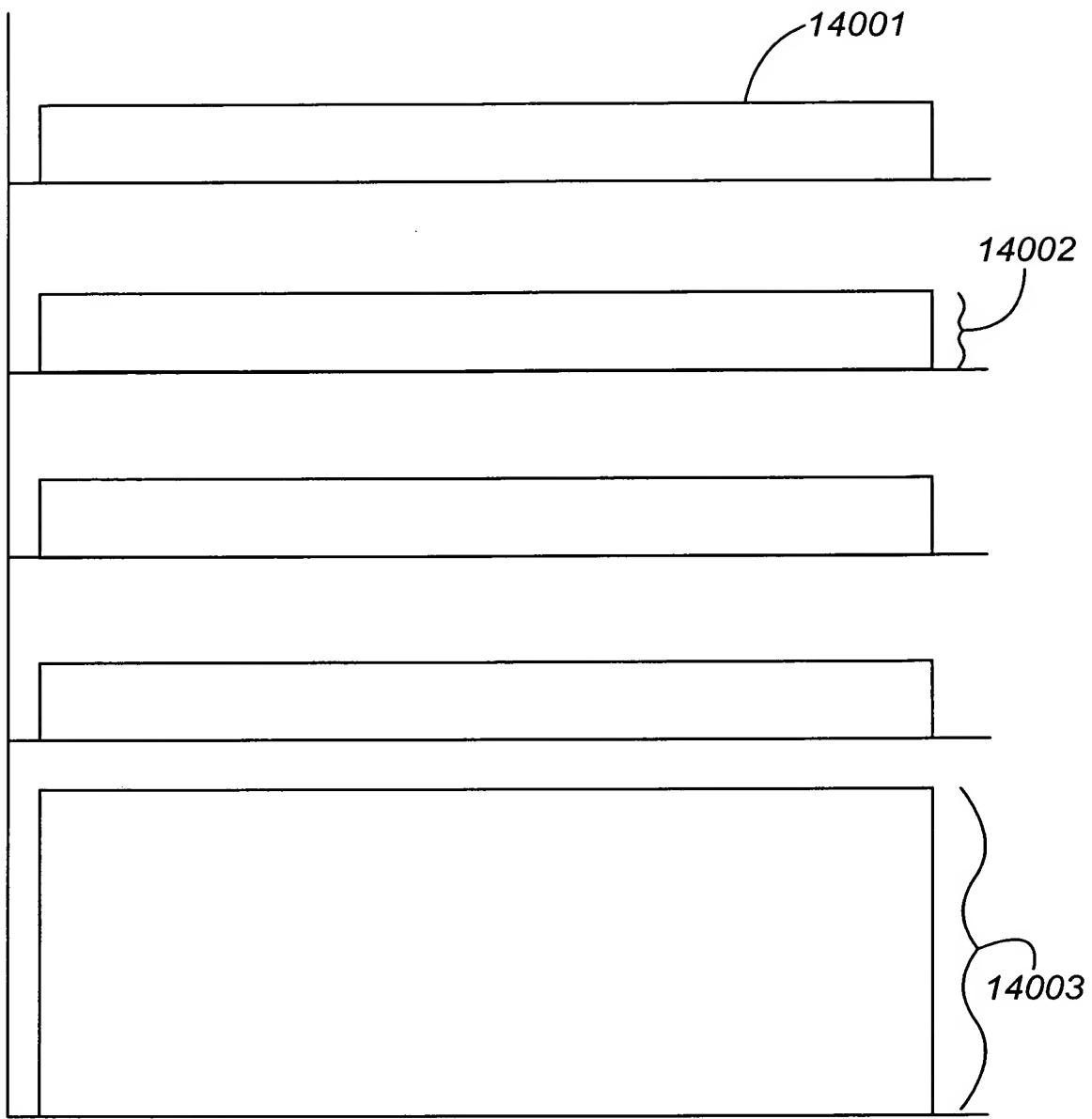
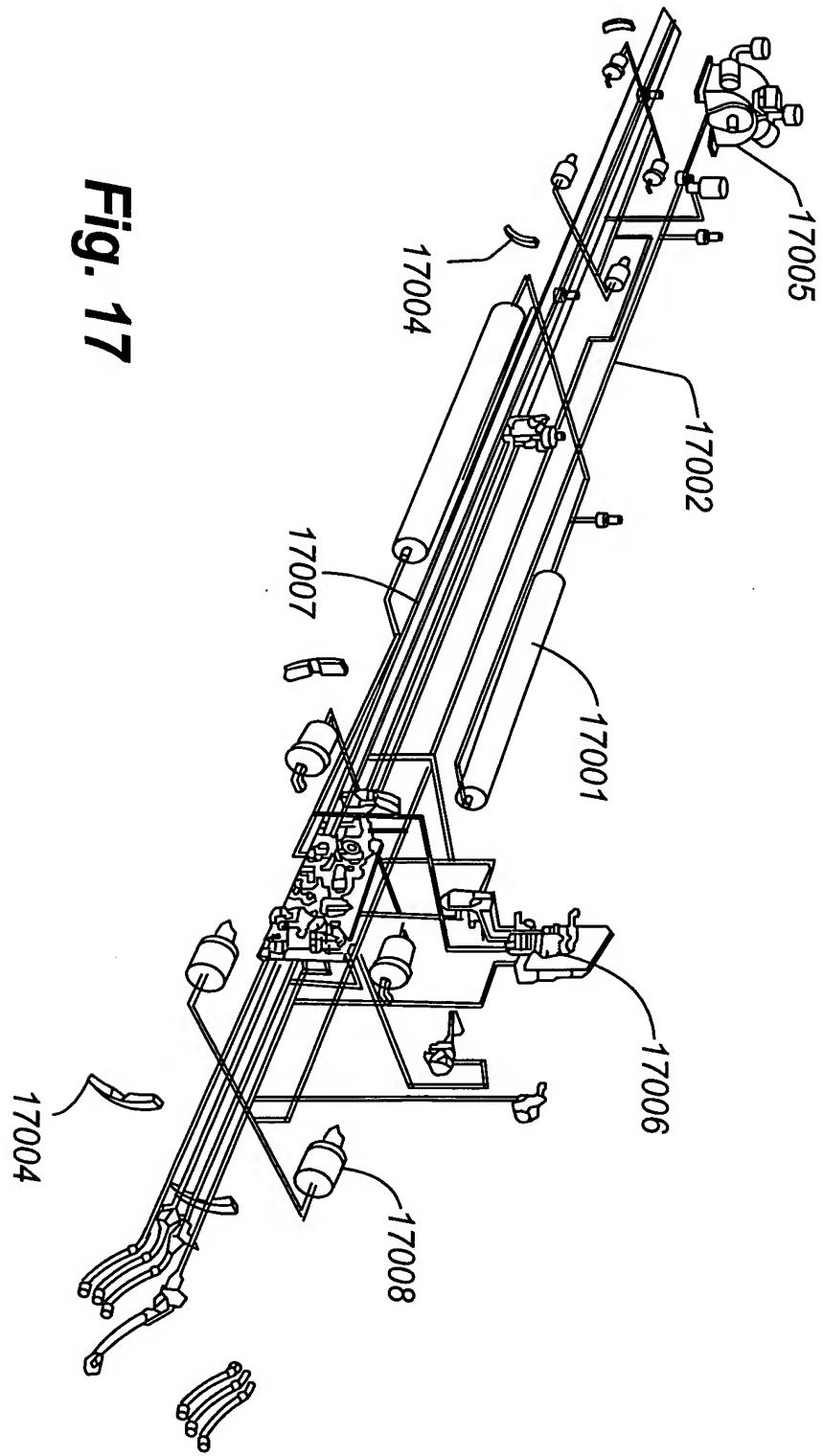


Fig. 14

Fig. 17



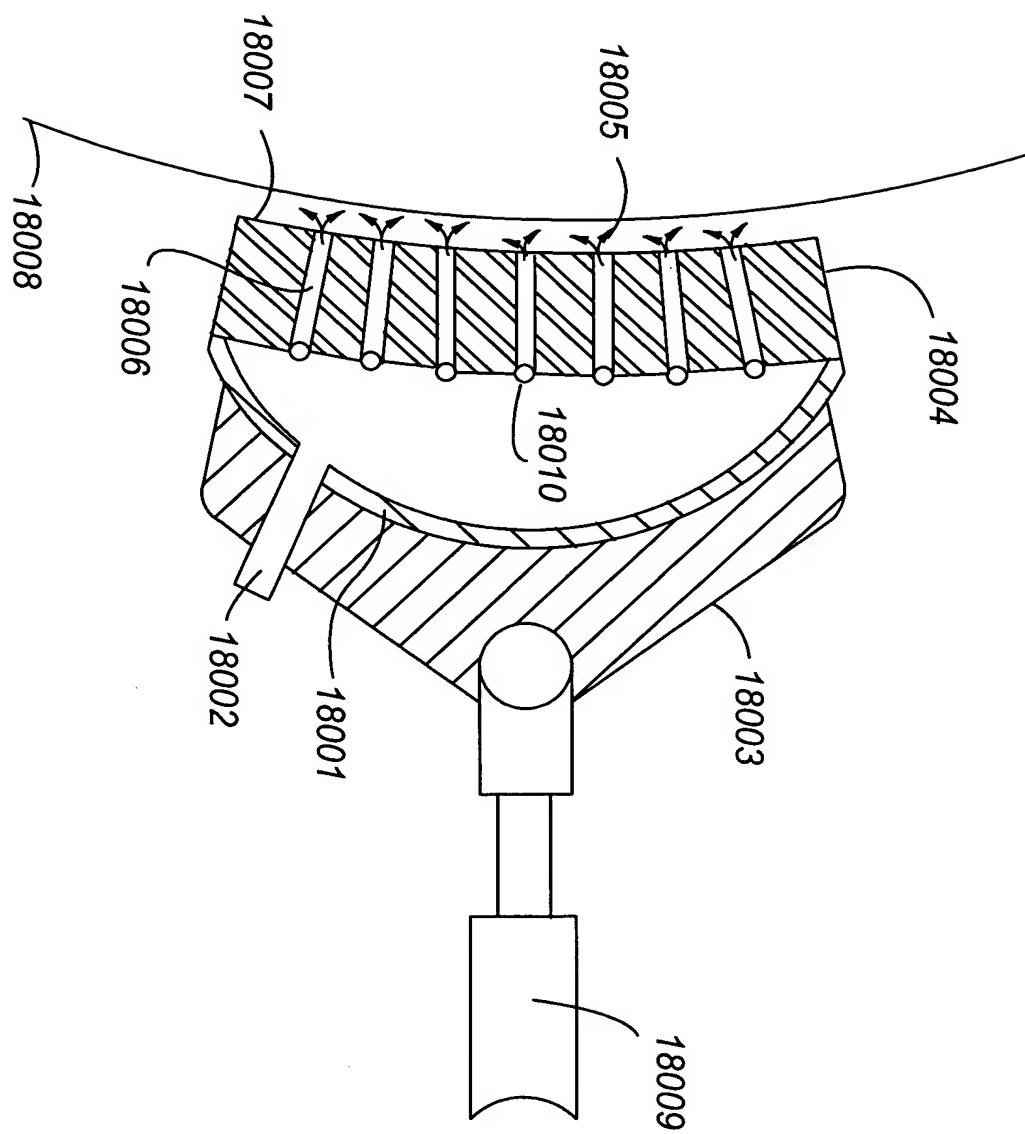


Fig. 18

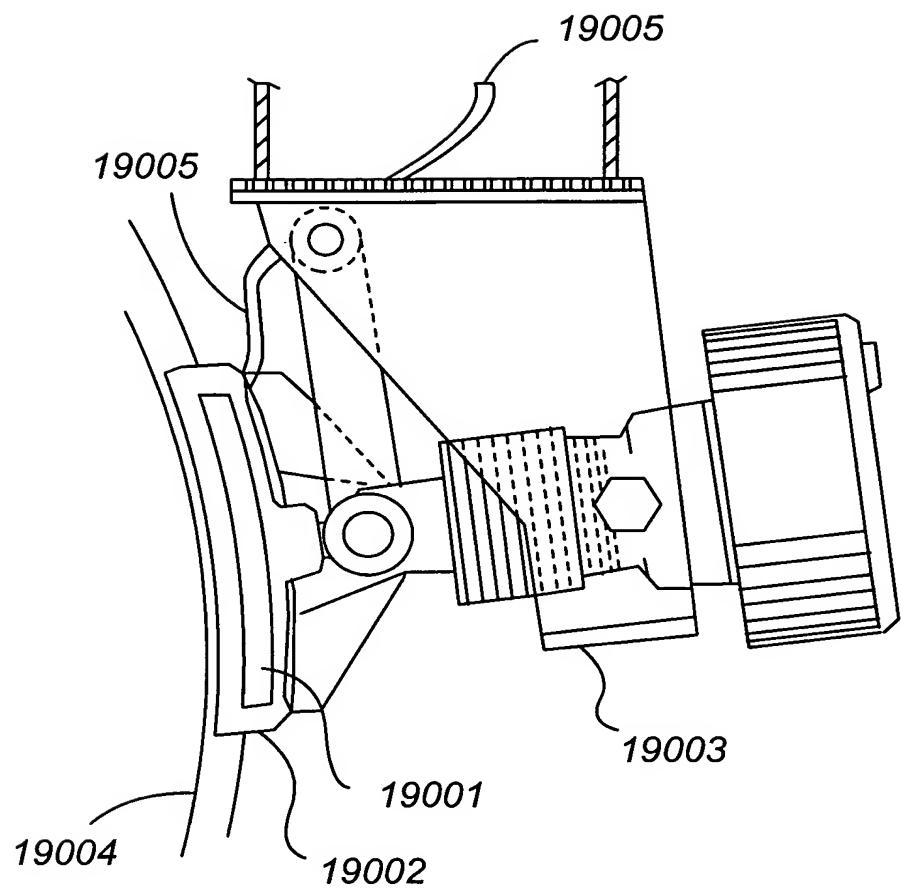


Fig. 19

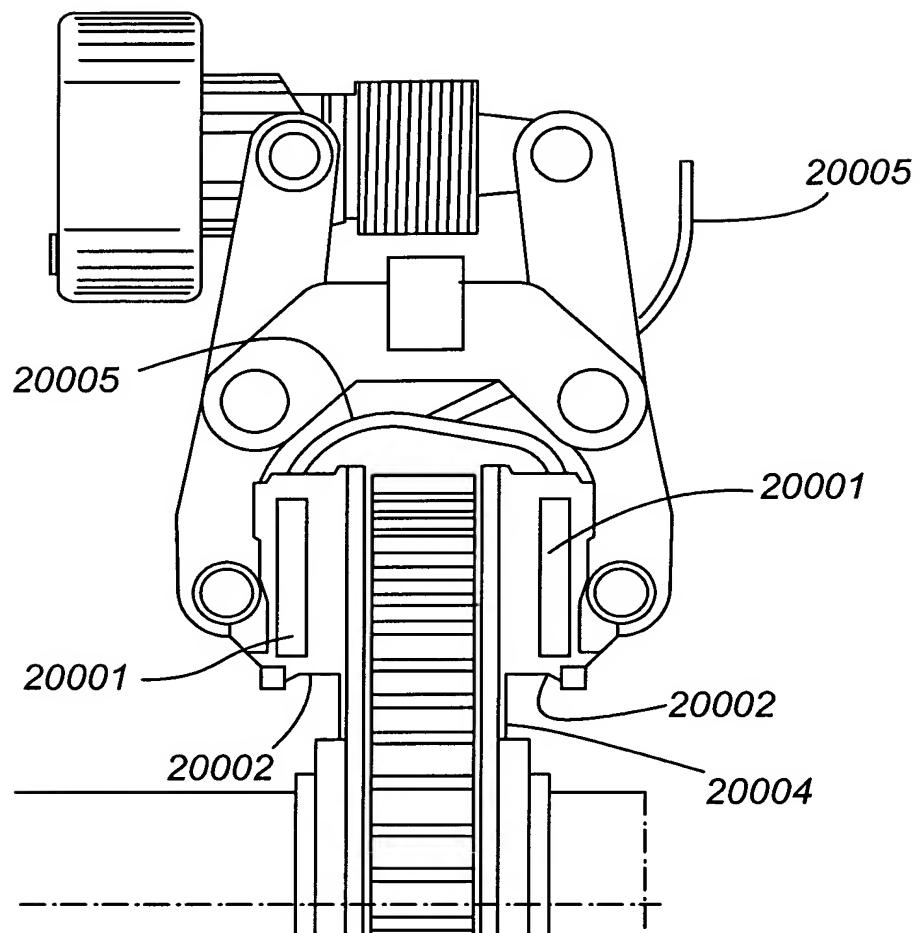
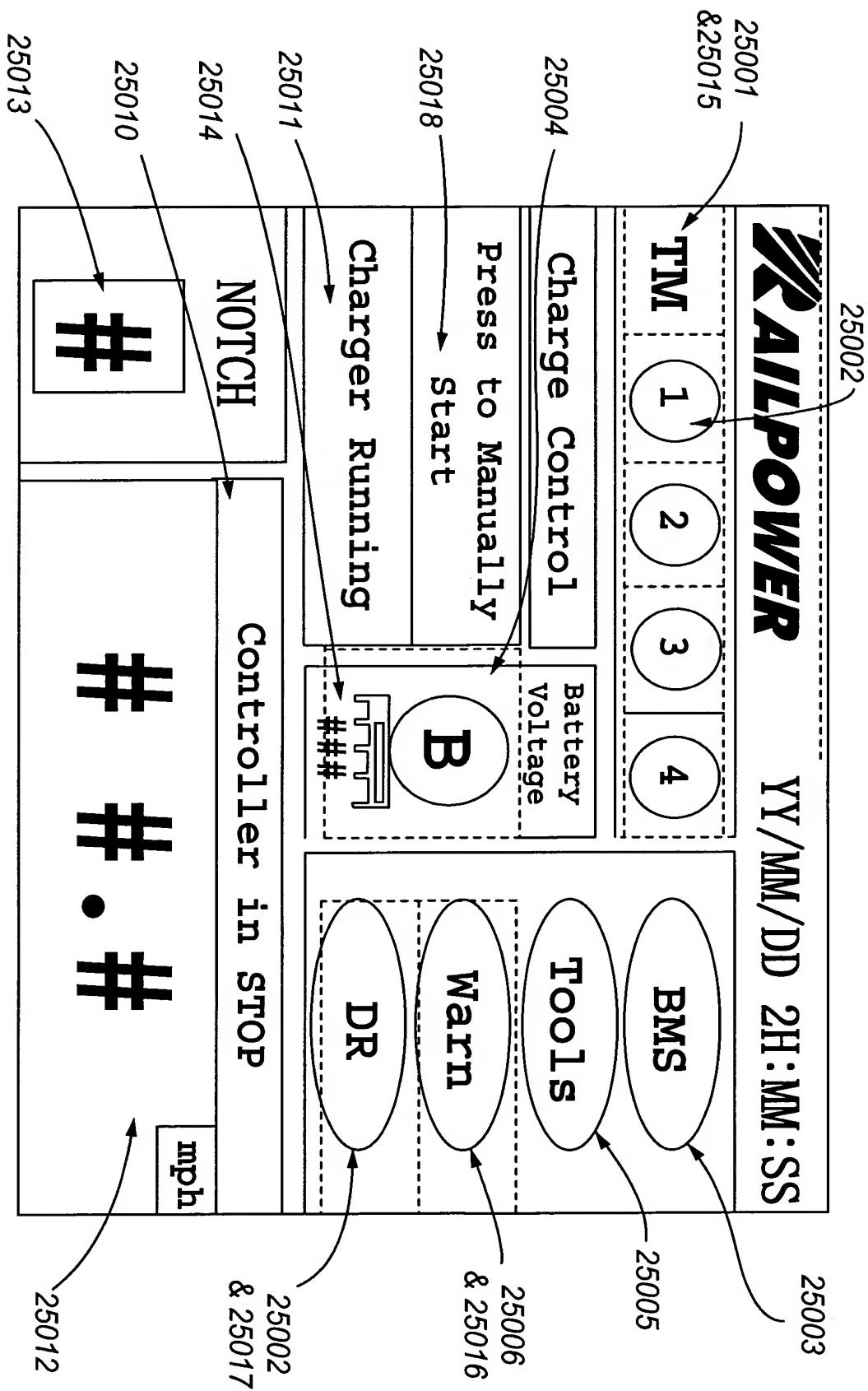


Fig. 20

Fig. 25



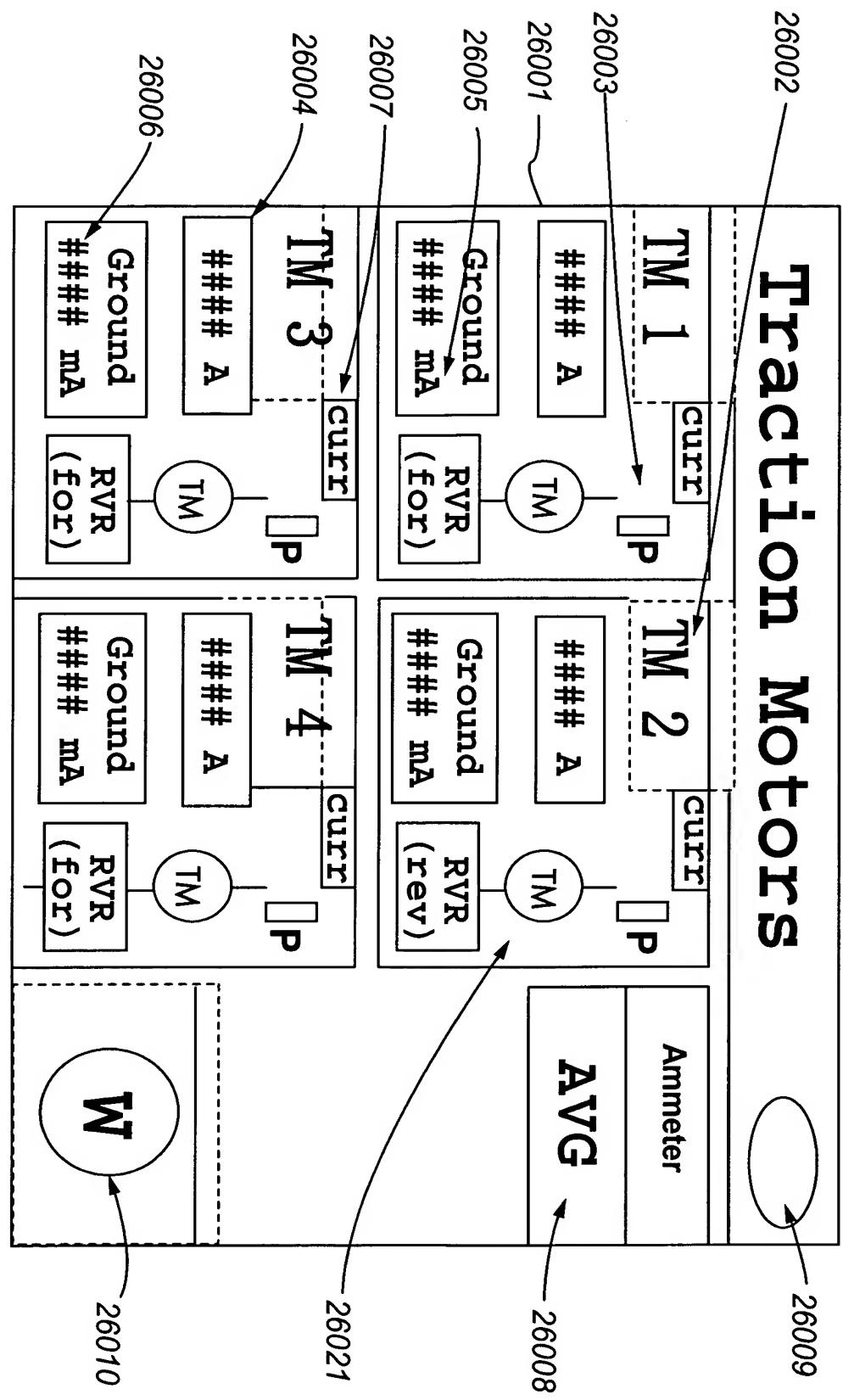


Fig. 26

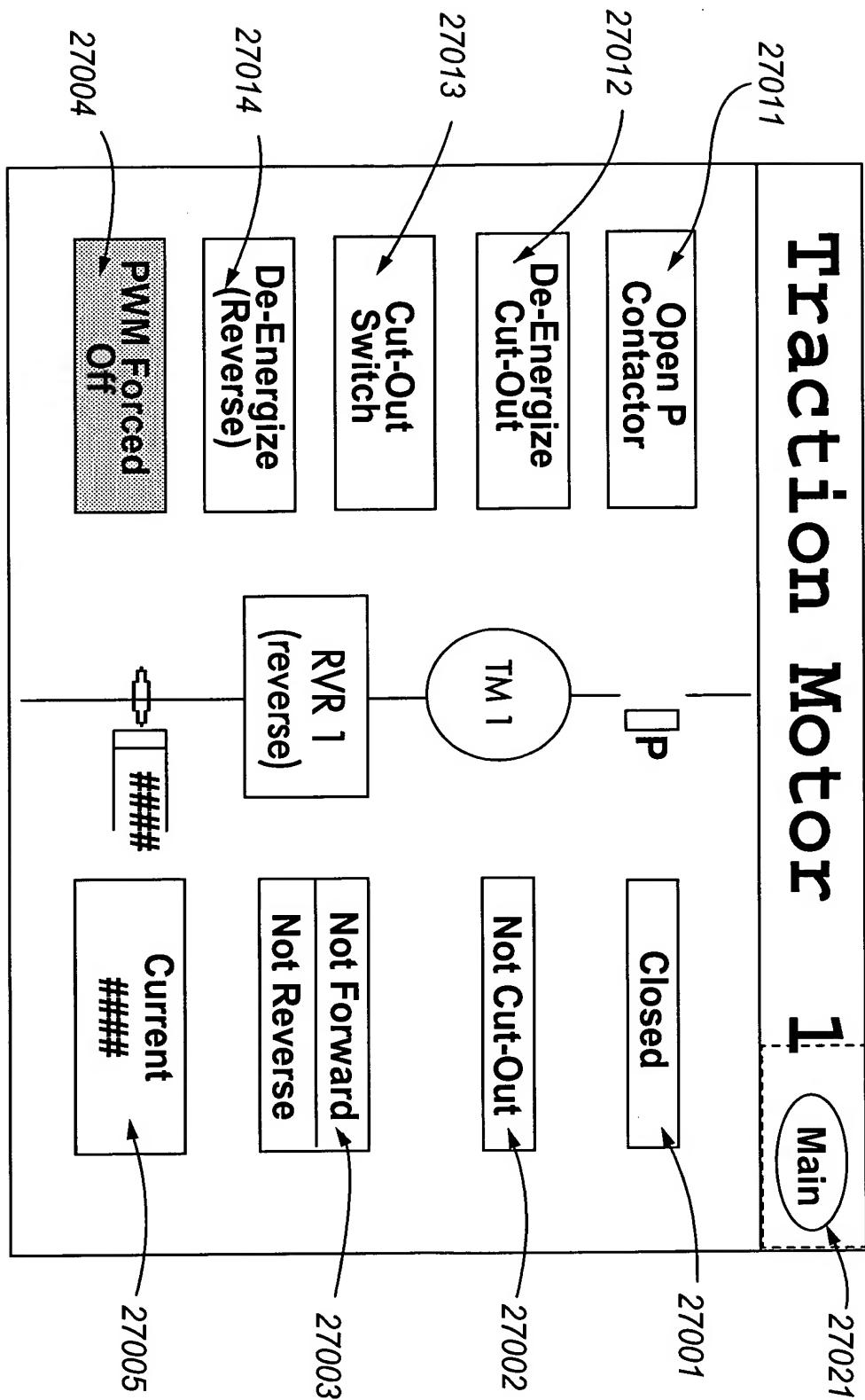


Fig. 27

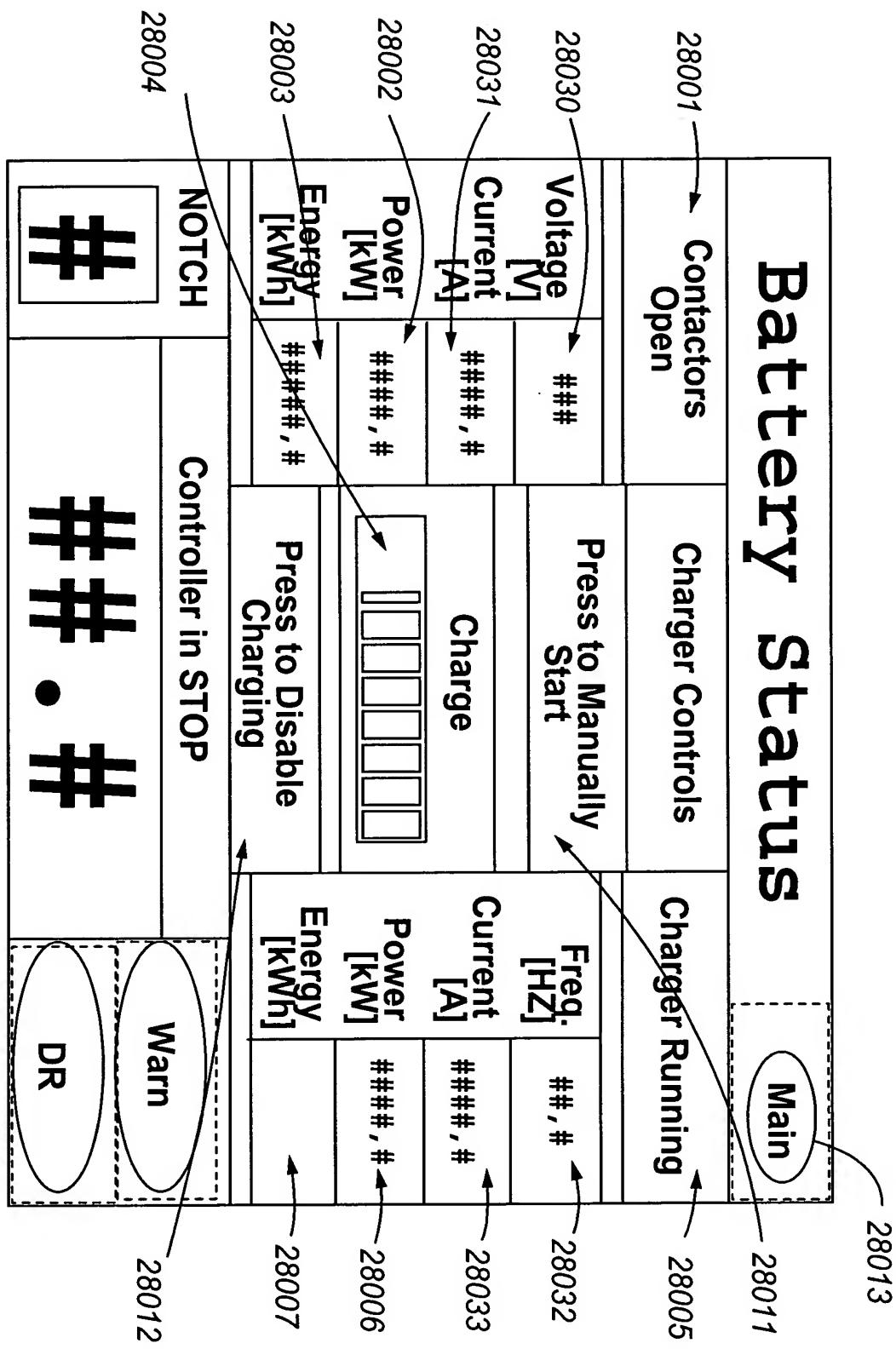
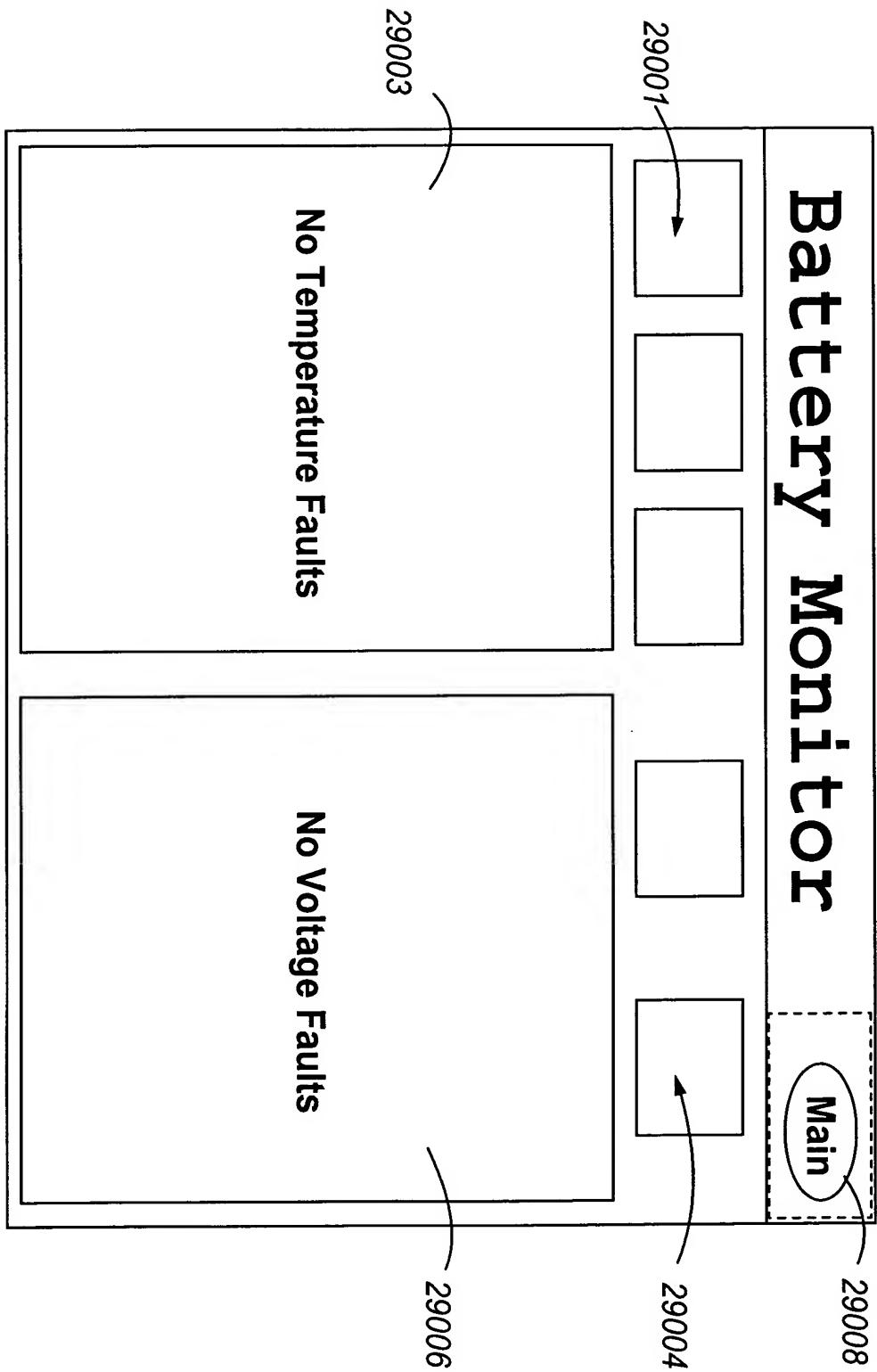


Fig. 28

Fig. 29



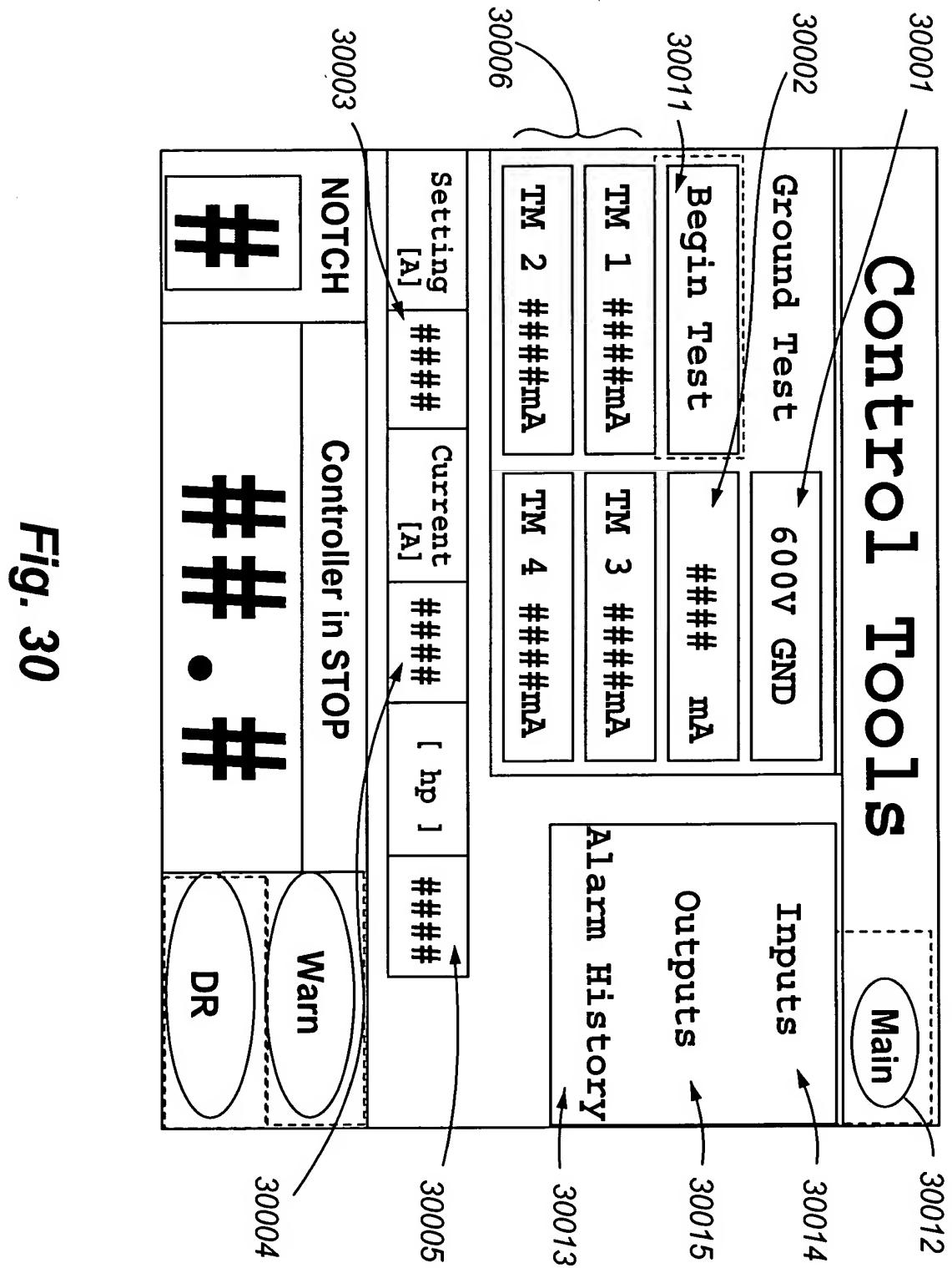


Fig. 30

Alarm History

Main

31002

YY/MM/DD 2H:MM:SS Excess Speed

YY/MM/DD 2H:MM:SS Emergency Sanding

YY/MM/DD 2H:MM:SS Gen Field Derate

YY/MM/DD 2H:MM:SS High Batt Cu*

YY/MM/DD 2H:MM:SS 600V Groun*

YY/MM/DD 2H:MM:SS Ground Tes*

YY/MM/DD 2H:MM:SS RVR 1 MM Derate

YY/MM/DD 2H:MM:SS RVR 2 MM Derate

YY/MM/DD 2H:MM:SS RVR 3 MM Derate

YY/MM/DD 2H:MM:SS RVR 4 MM Derate

YY/MM/DD 2H:MM:SS Manual Cutout

YY/MM/DD 2H:MM:SS High TM Cu*

YY/MM/DD 2H:MM:SS RVR 1 MM Warn

YY/MM/DD 2H:MM:SS RVR 2 MM Warn

YY/MM/DD 2H:MM:SS RVR 3 MM Warn

YY/MM/DD 2H:MM:SS RVR 4 MM Warn

YY/MM/DD 2H:MM:SS P Con 1 MM Warn

YY/MM/DD 2H:MM:SS P Con 2 MM Warn

YY/MM/DD 2H:MM:SS P Con 3 MM Warn

YY/MM/DD 2H:MM:SS P Con 4 MM Warn

YY/MM/DD 2H:MM:SS Batt Con MM Warn

Clear

31012

Warn

DR

31013

31001

I30=0	NO PCS	I40=0	BOPEN	I50=0	TM1FWD	<div style="border: 1px dashed black; border-radius: 50%; padding: 5px; display: inline-block;">Main</div> <div style="border: 1px dashed black; border-radius: 50%; padding: 5px; display: inline-block;">Tools</div>
I32=0	ID	I42=0	TM1CO	I51=0	TM2FWD	
I33=0	DV	I43=0	TM2CO	I52=0	TM3FWD	
0	SANDMAN	I44=0	TM3CO	I53=0	TM4FWD	
I35=0	NO ESS	I45=0	TM4CO	I54=0	TM10OPEN	
I36=0	GF	I46=0	TM1RVR	I55=0	TM2OPEN	
I37=0	CV	I47=0	TM2RVR	I56=0	TM3OPEN	
I38=0	FO	I48=0	TM3RVR	I57=0	TM4OPEN	
I39=0	RE	I49=0	TM4RVR	0	CAPSHORT	
I310=0	ER	410=0	C1STOP	I59=0		
I311=0	ERS	I411=0		I510=0		
I312=0	BV	I412=0		I511=0		
I313=0	FUEL	I413=0		I512=0		
I314=0	ISRUN	0	CAPSCHRGD	I513=0		
I315=0	AV	I415=0		I54=0		
					PWM Reset	

32004

Fig. 32

32001

32012

Main

Tools

32013

Output

32014

Diagram illustrating a table structure with annotations:

0 : 1/0 = 0 FWDTM1	0 : 1/8 = 0 FWDTM2	0 : 2/0 = 0 FWDTM2	0 : 2/8 = 0 FWDTM2	0 : 2/0 = 0 FWDTM2
0 : 1/1 = 0 RVRTM3	0 : 1/9 = 0 RVRTM4	0 : 2/1 = 0 RVRTM4	0 : 2/9 = 0 RVRTM4	0 : 2/1 = 0 RVRTM4
0 : 1/2 = 0 COTM1	0 : 1/10 = 0 RSMV	0 : 2/2 = 0 COTM2	0 : 2/10 = 0 FSMV	0 : 2/2 = 0 COTM2
0 : 1/3 = 0 COTM3	0 : 1/11 = 0 WS	0 : 2/3 = 0 COTM4	0 : 2/11 = 0 CI	0 : 8/0 = 0 XI
0 : 1/4 = 0 CLOSEB	0 : 1/12 = 0 ERGG	0 : 2/4 = 0 COILB	0 : 2/12 = 0 COTM4	0 : 8/1 = 0 CRRCT1
0 : 1/5 = 0 CLOSEGTR	0 : 1/13 = 0 AB	0 : 2/5 = 0 FIELDARM	0 : 2/13 = 0 GEN	0 : 8/2 = 0 CRRCT2
0 : 1/6 = 0 CLOSETM1	0 : 1/14 = 0 SA	0 : 2/6 = 0 CLOSETM2	0 : 2/14 = 0 CHRGCAPS	0 : 8/3 = 0 CRRCT3
0 : 1/7 = 0 CLOSETM3	0 : 1/15 = 0 BLEEDAIR	0 : 2/7 = 0 CLOSETM4	0 : 8/5 = 0 CBPUMP	0 : 8/4 = 0 CRRCT4

Annotations:

- A bracket on the right side groups the last three columns (Outputs, Tools, and Output) and is labeled "33012".
- A bracket at the bottom groups the last three rows and is labeled "33013".
- A callout box labeled "Enabled" points to the "Outputs" column.

Fig. 33

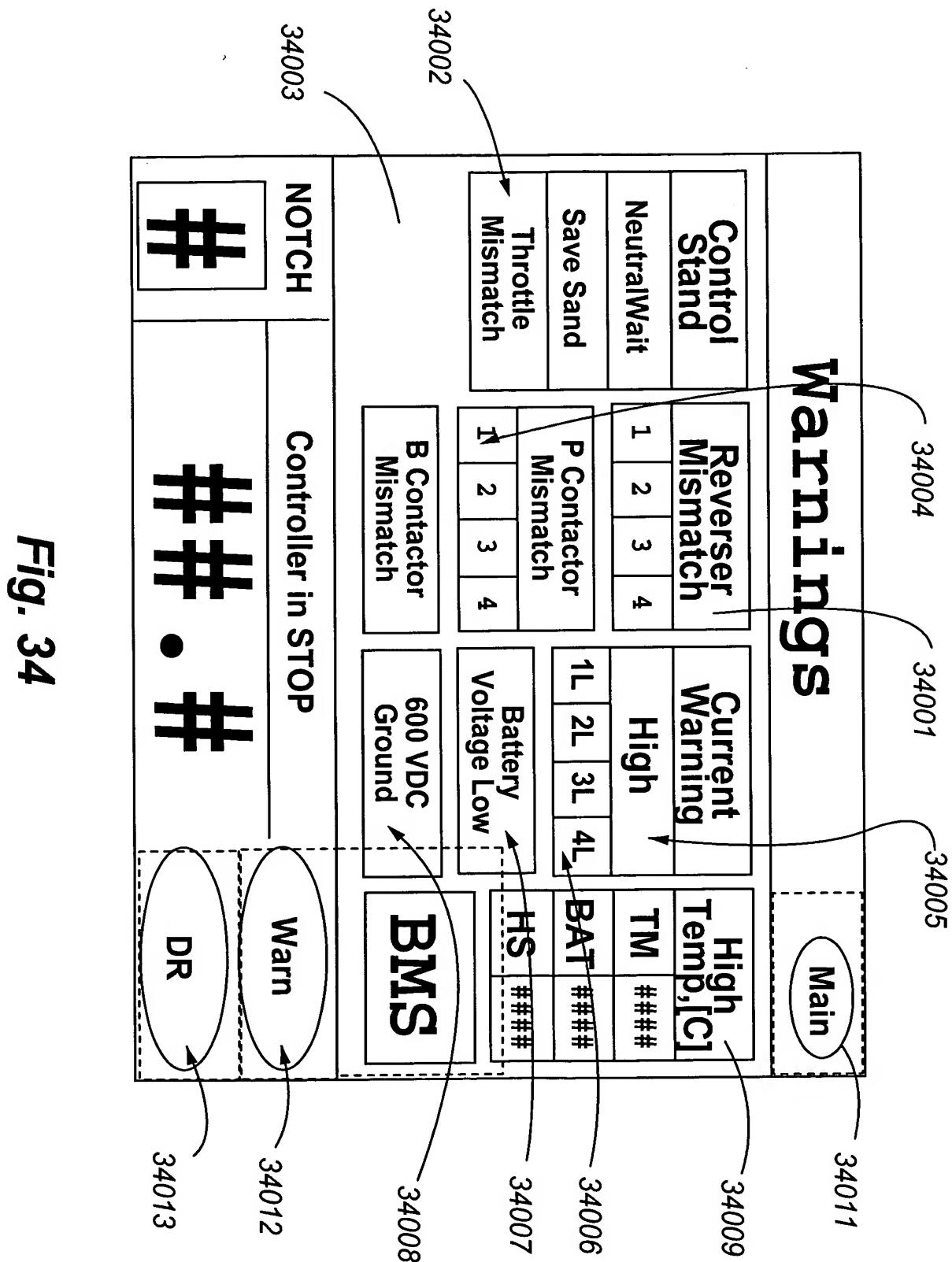


Fig. 34

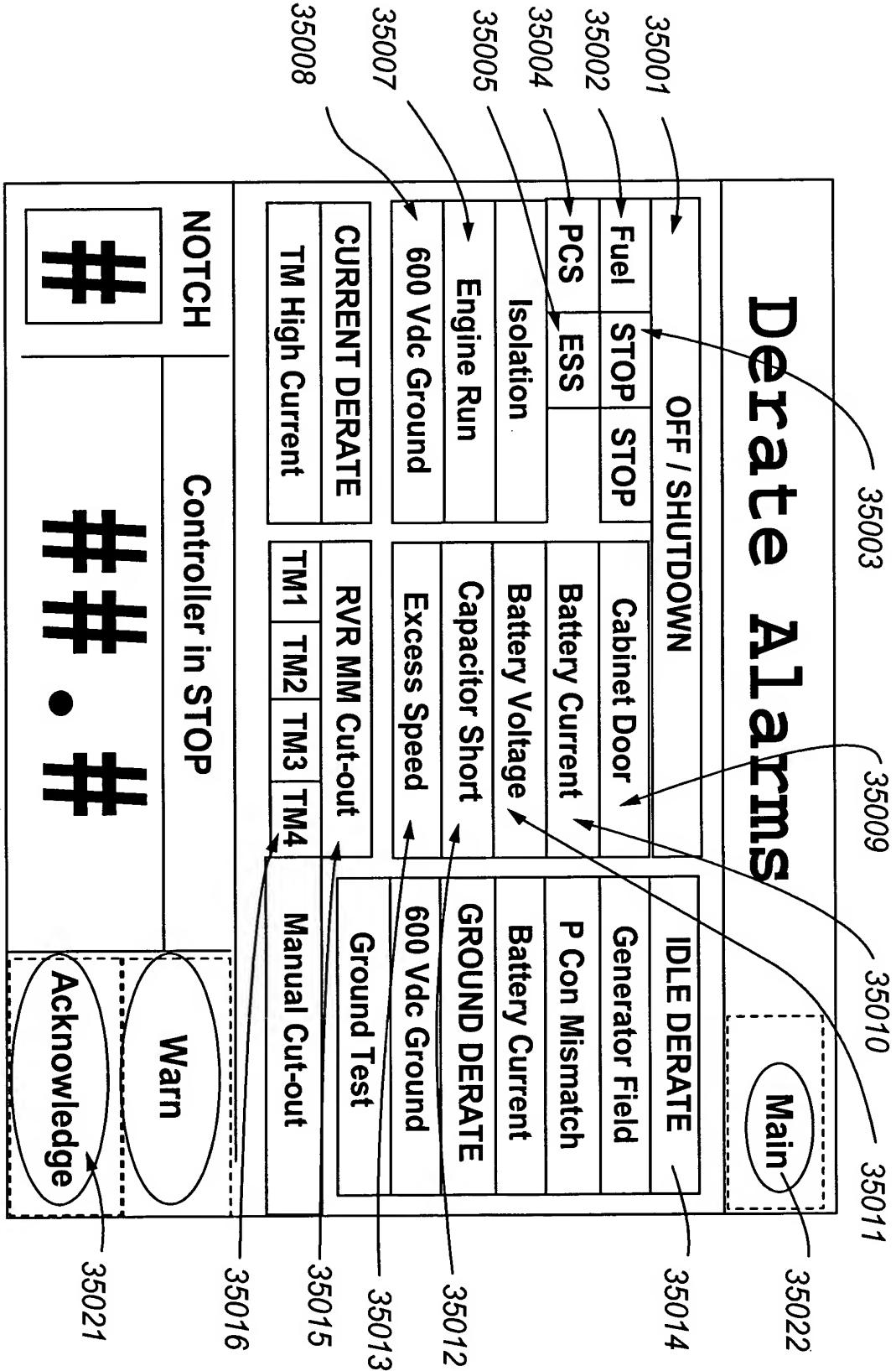


Fig. 35